Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Sunday 25 Dec 2022 until 23:59 on Monday 26 Dec 2022

Forecast Issued on Saturday 24 Dec 2022 at 13:44

Confidence: High for occasionally unsettled but lowering confidence in the timing of worst of conditions due to the mobile nature of the weather systems.

Headline for Sunday 25 Dec 2022: A showery Christmas, with some outbreaks heavy. Breezy at height.

Mountain weather hazards on Sunday 25 Dec 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Partly cloudy (night)	Light rain showers	Light rain showers	Heavy rain showers	Light rain showers (night)	Light rain
Precipitation probability							
10%	10%	20%	40%	40%	60%	40%	40%

Forecast for Sunday 25 Dec 2022

Weather: A rather cloudy, showery, snow free Christmas, with outbreaks turning heavy at times. Best of the limited brighter spells appearing either side of mid-day.

Chance of cloud-free hill tops above 600m: 80% for any given time but little chance of extended clear periods given the showery nature of the flow.

Low cloud and visibility: Good becoming moderate or poor in rain, very poor within cloud with bases occasional from 500m.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Sunday 25 Dec 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	23/34 SW	22/33 SW	23/34 SW	23/34 SW	25/36 SW	23/34 SW	22/32 SW	21/32 SW	16/25 W
300	18/30 S	13/24 S	16/27 S	17/28 S	19/29 SW	18/29 SW	15/25 SW	16/27 SW	13/22 W
Valley	12/28 S	9/25 S	11/27 S	12/27 S	13/28 SW	12/27 SW	11/25 SW	12/26 SW	10/21 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-1	4/-1	5/-1	4/-1	5/-1	5/-0	4/-1	4/-1	3/-2
300	7/3	6/3	7/3	7/2	7/3	8/4	7/3	6/2	5/1
Valley	7/3	6/4	7/4	7/4	8/4	8/5	7/4	7/3	6/2
Freezing Level*	1300m	1300m	1200m	1300m	1300m	1300m	1300m	1300m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts reaching 40mph across most exposed ridges and summits.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sat 24 Dec 2022	5mm	13.8mm	16mm

Forecast for Monday 26 Dec 2022

Weather: Further showers these isolated through the morning, building into the afternoon. Snow level lowered to 400-500m. Best of the brighter spells early in the day.

Maximum wind: West to southwest mean 20mph with gusts reaching 30-35mph across most exposed ridges and summits.

Chance of cloud-free hill tops above 600m: 90% for any given time but much lower of extended clear periods given the showery nature of the flow.

Low cloud and visibility: Good becoming moderate or poor in rain, very poor in snow and within cloud with bases infrequently lowering 500m, mostly as showers push through

Temperature: **Valleys:** Zero Celsius increasing 8 Celsius for the afternoon
At 600m: Zero or minus 1 Celsius
Freezing level: 500-600m

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